



Form PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

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520.39419X00

SERIAL NO.

09/739,682

INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(Use several sheets if necessary)

APPLICANT

K. NAKAHARA et al.

FILING DATE

December 20, 2000

GROUP

(Not Assigned)

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
JN	AA	5,173,909	23-1992	Sakano et al.		
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					
	AL					

FOREIGN PATENT DOCUMENTS

Abstract/

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
JN	AM	7-302947	14-11-1995	Japan		X	
JN	AN	7-283475	27-10-1995	Japan		X	
	AO						
	AP						
	AQ						
	AR						
	AS						
	AT						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JN	AU	Hiroo Yonetsu, Engineering Book, "Optical Communication Element Optics", pp. 224-245.
	AV	IEEE Journal of Quantum Electronics, Vol. QE-18, No. 5, May 1982, pp. 849-855.
	AW	Japanese Patent Laid-Open Application No. 7-72783 corresponding to USP 5,173,909.
	AX	M. J. Beesley, "Lasers and Their Applications".
	AY	W. V. Smith, "The Laser".
	AZ	C. H. Gooch, "Gallium Arsenide Lasers".
Examiner		JOSEPH NGUYEN
Date Considered		10/16/02

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JN	AU	The 53rd Extended Abstracts of the Japan Society of Applied Physics, page 932, Lecture No. 27p-ZA-12.
	AV	
	AW	
	AX	
	AY	
	AZ	
Examiner		Date Considered
JOSEPH NGUYEN		20/16/02